

Amendments to the Specification:

Page 31, please amend the Table 7, to read as follows:

No.	Water Resistance Alkaline concentration (ppm)	Heat resistance	Surface roughness R_a (nm) R_a (\AA)	Transmittance (%)
5	10.0	O	4	74.0
35	15.0	O	4	94.0
26	312.0	Δ	4	95.0
43	2.0	O	9	15.0
1	11.0	O	4	94.0
7	11.5	O	5	67.0
8	10.7	O	10	58.0
18	4.0	O	5	79.0

Page 32, amend the paragraph beginning on line 1, to read as follows:

The surface roughness was evaluated by an average surface roughness R_a (nm) R_a (\AA) using a surface roughness tester. The transmittance was evaluated as an intensity ratio of incident light and transmitted light by irradiating the surface of the substrate with a white light source.

Page 32, amend the paragraph beginning on line 21 to read as follows:

Regarding the surface roughness, preferable flatness such as $R_a = 4 - 5 \text{ nm}$ $R_a = 4 - 5 \text{\AA}$ was obtained with the glass substrates of No. 1, 7, 18, 5, 35, and 26. On the contrary, the surface roughness of the glass substrates of No. 8 and 43 were as large as $R_a = 9 - 10 \text{ nm}$ $R_a = 9 - 10 \text{\AA}$.

Page 33, amend the paragraph beginning on line 3 to read as follows:

A relationship between the surface roughness and the depositing condition of the fine particles was studied. Regarding the glass of No. 7, the content of Er_2O_3 was 16% by weight, and the average particle size of the deposited fine particles was 51 nm. The volume fraction of the fine particles was 40%. The transmittance of the glass of No. 7 under the above condition was 67%. On the other hand, regarding the glass of No. 8, the content of Er_2O_3 was 21% by weight, the average particle size of the deposited fine particles was 103 nm, and the volume fraction of the fine particles was 72%. The transmittance of the glass of No. 8 under the above condition was 58%. Under the above conditions, the surface roughness of the glass of No. 7 was 5.0 nm 5.0 \AA , and the glass of No. 8 was 10.0 nm 10.0 \AA , twice that of the glass of No. 7. As explained above, it was found that when the content of Er_2O_3 exceeded 20% by weight, the average particle size of the deposited fine particles exceeded 100 nm, and the transmittance was less than 60%, the surface roughness of the glass was significant, and the glass was inferior in surface flatness.

Page 38, amend the paragraph beginning on line 2 to read as follows:

A magnetic disk of the shape indicated in Fig. 9 was manufactured using the glass substrate of the present invention. The thickness of the substrate was 0.38 mm. The glass of No. 5, which was not treated for chemical strengthening, was used in manufacturing the magnetic disk. The precoat film, which was generally formed in a routine operation, was not formed, and the magnetic thin film was formed directly onto the surface of the glass substrate. The surface roughness of the glass substrate $\text{Ra} = 4.0 \text{ nm}$ $\text{Ra} = 4.0\text{\AA}$.